

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-19. (Cancelled)

20. (Currently amended) A method of ~~balancing the concentration~~ increasing levels of cadmium in body fluids and tissues of a human which comprises administering to a human suffering from ~~unbalanced~~ deficient levels of cadmium in his body fluids and tissues a bioavailable and physiologically acceptable cadmium salt in a ~~dosage regimen sufficient~~ series of daily doses at dose levels of about 0.025 mg to about 2 mg per day to balance minimize or eliminate said cadmium ~~concentration~~ deficiency.

21. (Currently amended) The method of claim 20, wherein said ~~unbalanced~~ deficient levels of cadmium are at least about 15% below normal.

22. (Currently amended) The method of claim 20, wherein said ~~unbalanced~~ deficient levels of cadmium are at least about 20% below normal.

23. (Currently amended) A method in accordance with claim 20, wherein said cadmium salt is administered in a series of daily doses at dose levels of about ~~0.025~~ 0.5 mg to about 2 mg per day.

24. (Previously presented) A method in accordance with claim 20, wherein said cadmium salt is administered orally, parenterally or by inhalation.

25. (Previously presented) The method of claim 20, wherein said cadmium salt comprises the sulfate, nitrate, chloride or acetate cadmium salt.

26-60. (Cancelled)

61. (Currently Amended) A method for correcting a cadmium deficiency in the body of a human suffering therefrom which comprises administering to said human a bioavailable and physiologically acceptable cadmium salt in ~~an amount~~ a series of daily doses at dose levels of about 0.025 mg to about 2 mg per day ~~sufficient~~ to minimize or eliminate said cadmium deficiency.

62-63. (Cancelled)

64. (New) A method in accordance with claim 23, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 1 mg per day.

65. (New) A method in accordance with claim 20, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.025 mg to about 0.1 mg per day.

66. (New) A method in accordance with claim 65, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.04 mg to about 0.06 mg per day.

67. (New) A method in accordance with claim 20, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.05 mg to about 0.2 mg per day.

68. (New) A method in accordance with claim 67, wherein said cadmium salt is administered in a series of daily doses at dose levels of about 0.08 mg to about 0.12 mg per day.